

# BC700SV BRUSH CHIPPER



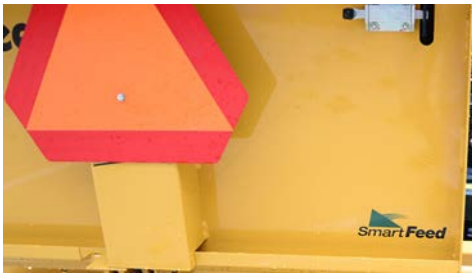
**CENTRIFUGAL CLUTCH.** Helps prevent belt-slip when engaging the clutch to minimize maintenance.



**25 HP (18.4 KW) EFI ENGINE.** Performs well during cold-weather starts, minimizes occurrence of engine flooding and provides improved fuel economy over comparable carbureted diesel engines. Gas engine option also available.



**LARGE INFEED OPENING.** 6 in x 8 in (15.2 cm x 20.3 cm) makes feeding irregular material efficient and minimizes the amount of saw cuts needed prior to feeding the chipper.



**EXCLUSIVE SMARTFEED CONTROL SYSTEM.** Helps operator productivity and reduces strain on vital engine parts, as engine rpm is monitored and feed rollers are controlled.



**BOTTOM FEED STOP BAR.** Is strategically located to make it possible for an operator to strike the bar and shut off the feed mechanism.



**CONVENIENT TRANSPORTATION.** Skid-mounted chassis which can be mounted on a vehicle to facilitate the transportation of equipment, thus overcoming certain local road regulation restrictions.

# BC700SV BRUSH CHIPPER

## GENERAL

Length (feed table up, tongue in): 66.9 in (170 cm)

Length (feed table down, tongue extended): 89 in (226.1 cm)

Width: 57 in (145 cm)

Height: 74.8 in (190 cm)

Weight: 2,015 lb (914 kg)

## ENGINE OPTION 1

Make and model: Perkins 403D-11

Number of cylinders: 3

Gross horsepower (maximum): 25 hp (18.4 kW)

Torque (maximum): 49.3 ft-lb (66.9 Nm)

Fuel tank capacity: 6 gal (22.7 L)

Fuel type: Diesel

Recommended oil: API CH4/SJ / ACEA E5

## ENGINE OPTION 2

Make and model: Kohler ECH740

Number of cylinders: 2

Gross horsepower (maximum): 25 hp (18.6 kW)

Torque (maximum): 41.7 ft-lb (56.5 Nm)

Fuel tank capacity: 6 gal (22.7 L)

Fuel type: Gasoline

Recommended oil: Kohler oil or API CH4/SJ

## FEED SYSTEM

Feed roller orientation: Single horizontal

Feed roller dimension: 10 in (25.4 cm)

Feed speed: 49.4 fpm (15 m/min)

Infeed table width: 41.2 in (104.6 cm)

Infeed table length: 30.2 in (76.7 cm)

Infeed throat capacity: 6 in x 8 in (15.2 cm x 20.3 cm)

## SAFETY SYSTEM

Bottom feed stop bar: Standard

Reset method: Dual green hold-to-run buttons

Positions: Four positions – E-stop, forward, stop, reverse

## CUTTING SYSTEM

Material capacity: 6 in (15.2 cm)

Width: 8 in (20.3 cm)

Thickness: 1.25 in (3.2 cm)

Diameter: 23.9 in (60.7 cm)

Speed: 1,748 rpm

Number of knives: 2

Usable edges: 2

## DISCHARGE SYSTEM

Chute height: 97.6 in (248 cm)

Chute rotation angle: 270°

Rotation type: Manual

## ELECTRICAL SYSTEM

System voltage: 12

Battery: Group 26, 400 CCA

Switches: Hold-to-run, sensitivity selector

## HYDRAULIC SYSTEM

Tank capacity: 6.8 gal (25.7 L)

System type: Return-flow filtration

Pump flow at maximum rpm: 3.7 gpm (14.4 L/min)

System relief pressure: 2,500 psi (17 MPa)

## SKID

Length: 59.1 in (150 cm)

Width: 50.8 in (129 cm)

Mounting style: Bolted on (4\*M16)